$\begin{array}{c} \text{Appl. No. } 10/040,270\\ \text{Amdt. Under Rule } 312 \text{ Dated July } 30, \ 2007\\ \text{Reply to Notice of Allowance of May 8, } 2007\\ \text{Replacement Sheet} \\ 1/55 \end{array}$ 

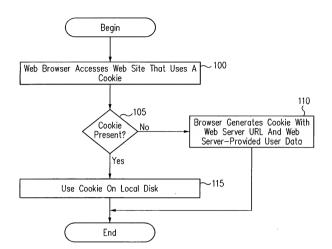


FIG. 1A



FIG. 1B (PRIOR ART)

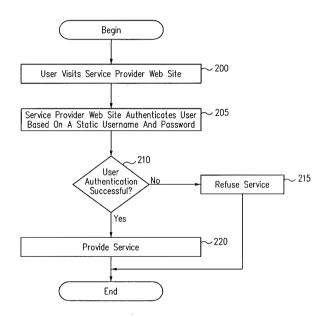


FIG. 2 (PRIOR ART)

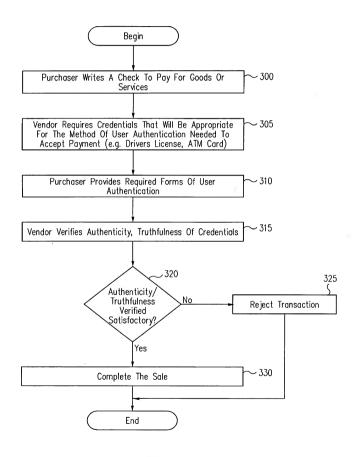


FIG. 3 (PRIOR ART)

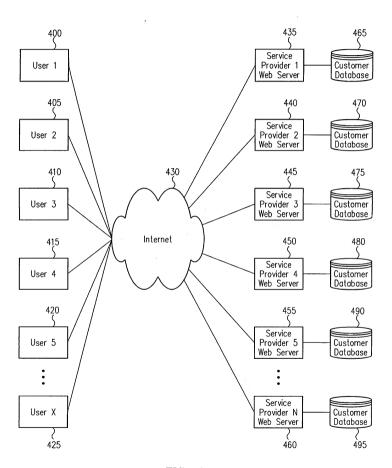


FIG. 4 (PRIOR ART)

 $\begin{array}{c} \text{Appl. No. } 10/040,\!270\\ \text{Amdt. Under Rule } 312\ \text{Dated July } 30,\!2007\\ \text{Reply to Notice of Allowance of May 8, } 2007\\ \text{Replocement Sheet} \\ 5/55 \end{array}$ 

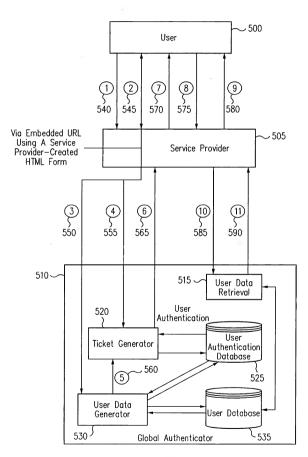


FIG. 5 (PRIOR ART)

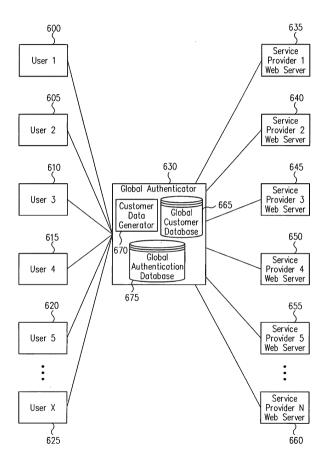


FIG. 6 (PRIOR ART)

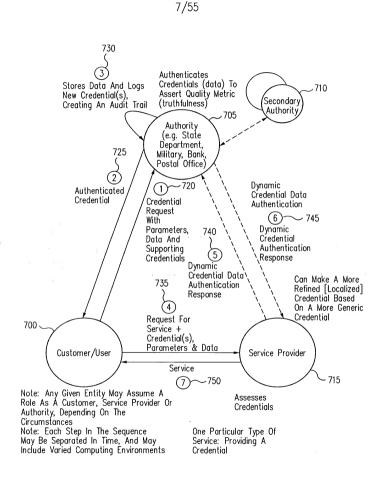


FIG. 7

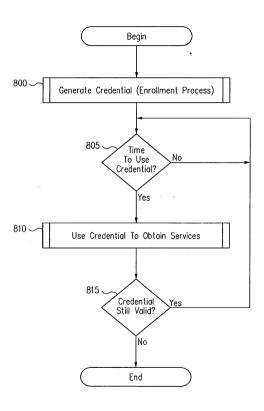


FIG. 8

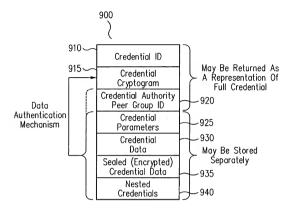
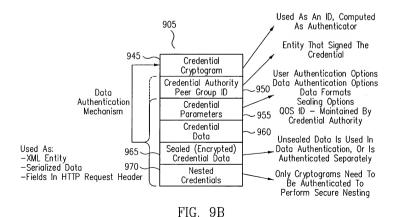


FIG. 9A



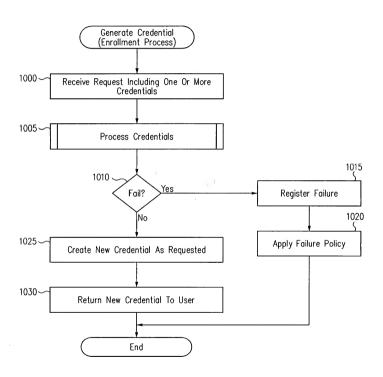
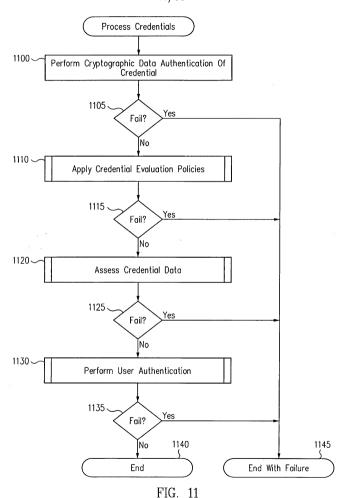
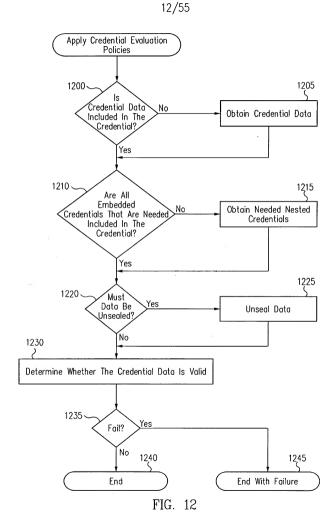


FIG. 10





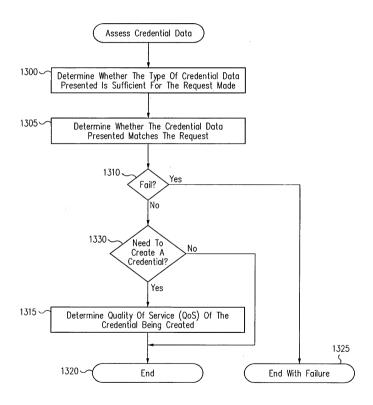


FIG. 13

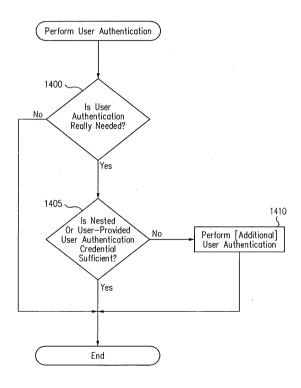


FIG. 14

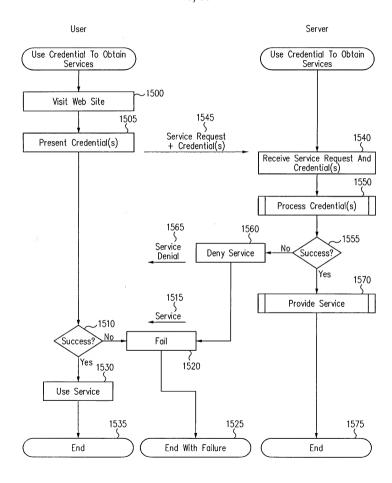
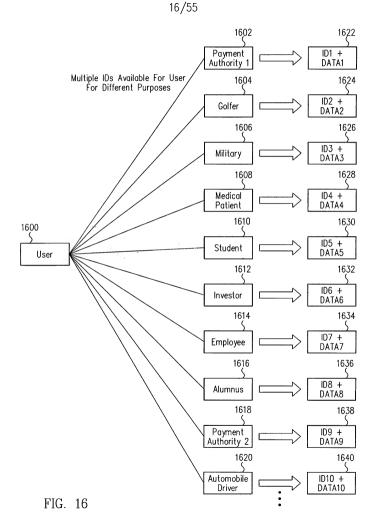
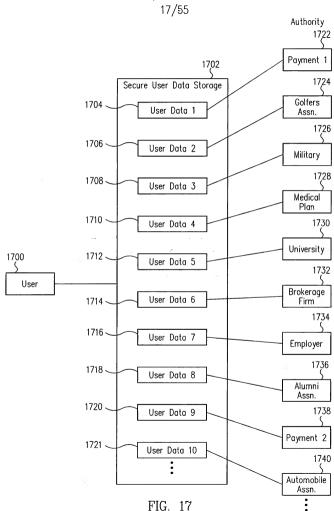


FIG. 15

Appl. No. 10/040,270
Amdt. Under Rule 312 Dated July 30, 2007
Reply to Notice of Allowance of May 8, 2007
Replacement Sheet





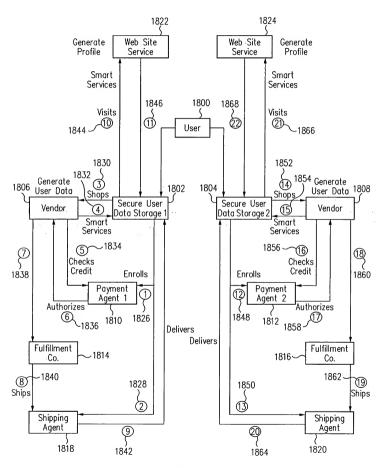
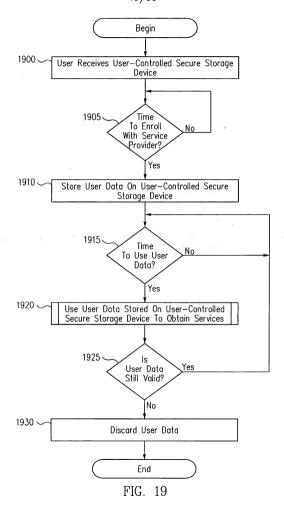


FIG. 18



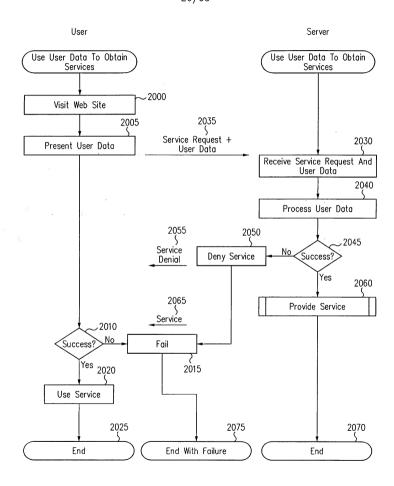


FIG. 20

Provide Service In Accordance
With User Data

Receive User Data

Customize Web Site Based On User Data

End

FIG. 21

 $\begin{array}{c} \text{Appl. No. } 10/040,\!270\\ \text{Amdt. Under Rule } 312\ \text{Dated July } 30,\!2007\\ \text{Reply to Notice of Allowance of May 8, } 2007\\ \text{Replacement Sheet} \\ 22/55 \end{array}$ 

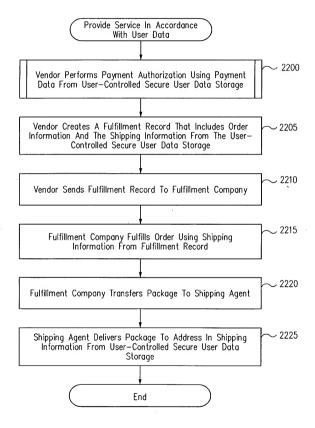


FIG. 22

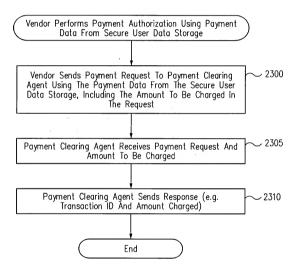
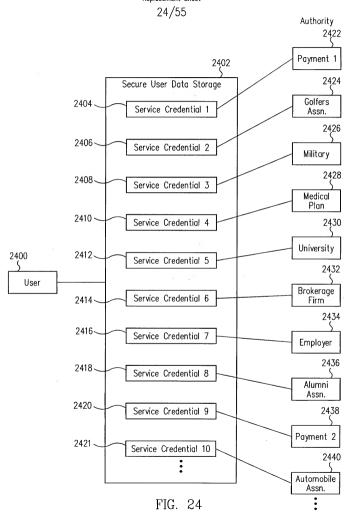


FIG. 23



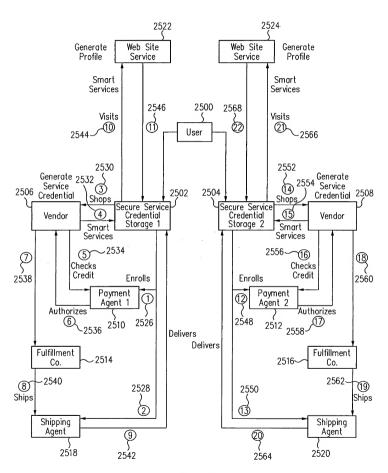
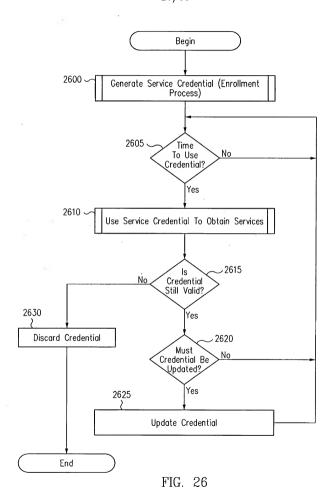


FIG. 25



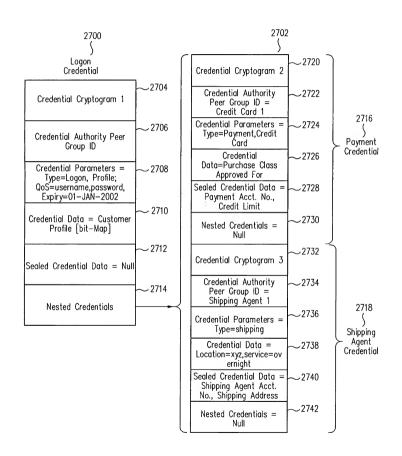
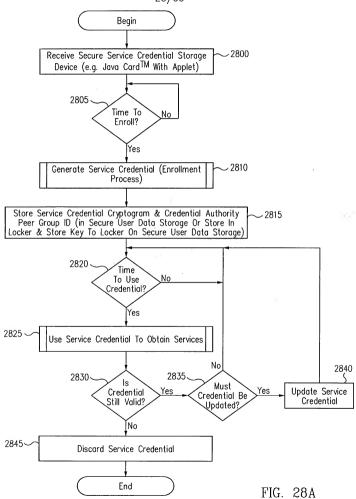


FIG. 27

Appl. No. 10/040,270 Amdt. Under Rule 312 Dated July 30, 2007 Reply to Notice of Allowance of May 8, 2007 Replacement Sheet 28/55 Begin **2800** Time To Nο Enroll? Yes <del>2810 ر</del> Process) 2815 Time Nο To Use Credential? Yes No 2840 2835 Must Update Service Credential Yes Credential Be



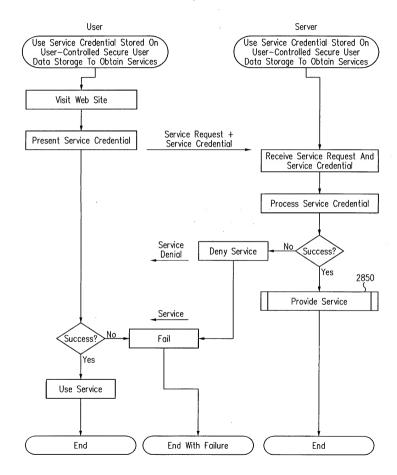


FIG. 28B

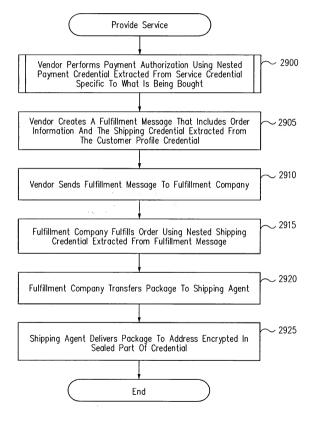


FIG. 29

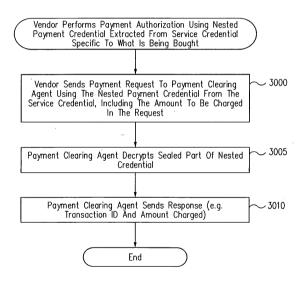


FIG. 30A

32/55

Authority Payment 1 3050 Smart Card Golfers User Data 1 Assn. User Data 2 Military User Data 3 Medical Plan User Data 4 University User Data 5 User Brokerage User Data 6 Firm User Data 7 Employer User Data 8 Alumni Assn. User Data 9 Payment 2 User Data 10

FIG. 30B

Automobile Assn.

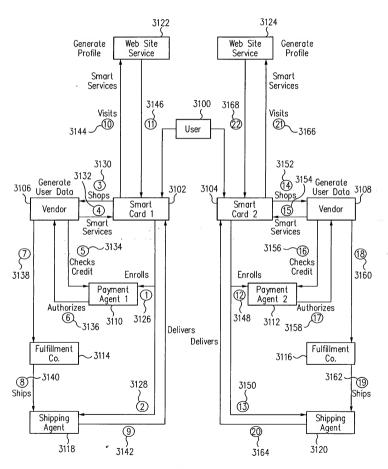


FIG. 31

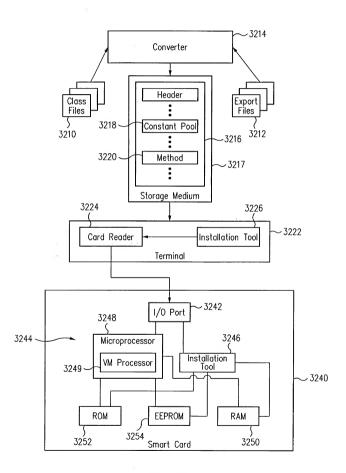


FIG. 32

 $\begin{array}{c} \text{Appl. No. } 10/040,270 \\ \text{Amdt. Under Rule } 312 \text{ Dated July } 30, 2007 \\ \text{Reply to Notice of Allowance of May 8, 2007} \\ \text{Replacement Sheet} \\ 35/55 \end{array}$ 

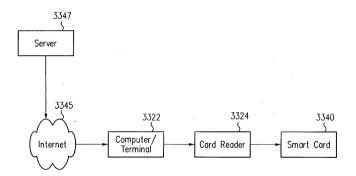
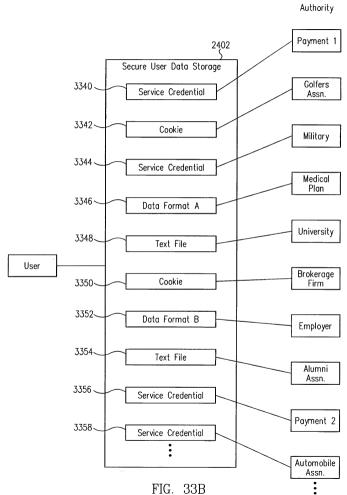


FIG. 33A

Appl. No. 10/040,270 Amdt. Under Rule 312 Dated July 30, 2007 Reply to Notice of Allowance of May 8, 2007 Replacement Sheet



 $\begin{array}{c} \text{Appl. No. } 10/040,270\\ \text{Amdt. Under Rule } 312 \text{ Dated July } 30, 2007\\ \text{Reply to Notice of Allowance of May 8, 2007}\\ \text{Replacement Sheet}\\ 37/55 \end{array}$ 

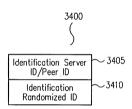
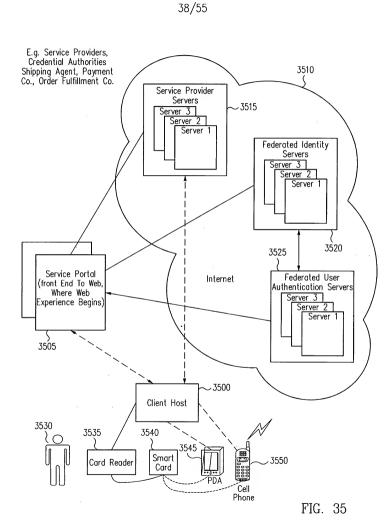
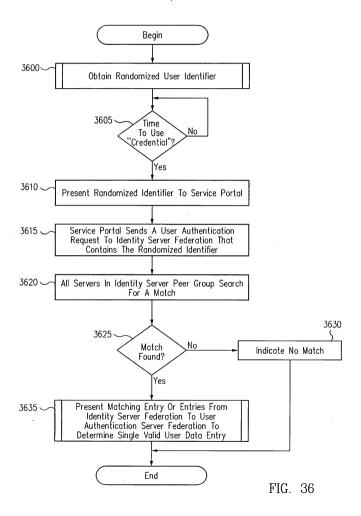


FIG. 34



Appl. No. 10/040,270 Amdt. Under Rule 312 Dated July 30, 2007 Reply to Notice of Allowance of May 8, 2007 Replacement Sheet



Appl. No. 10/040,270 Amdt. Under Rule 312 Dated July 30, 2007 Reply to Notice of Allowance of May 8, 2007 Replacement Sheet

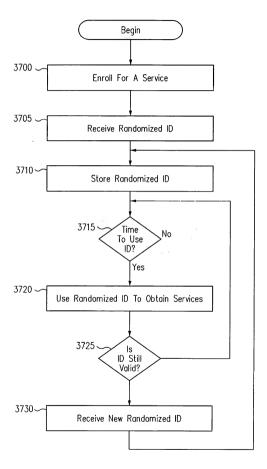


FIG. 37

Appl. No. 10/040,270 Amdt. Under Rule 312 Dated July 30, 2007 Reply to Notice of Allowance of May 8, 2007 Replacement Sheet

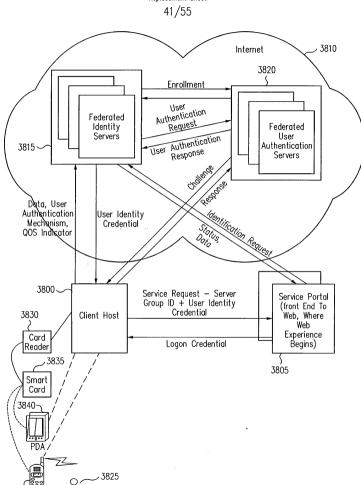


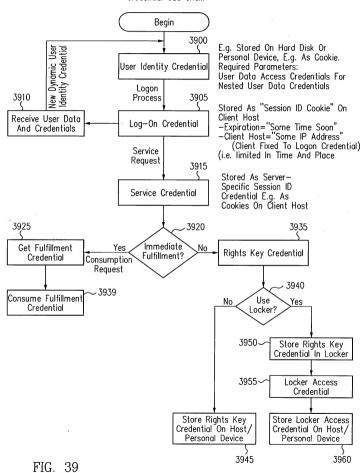
FIG. 38

3845 Cell

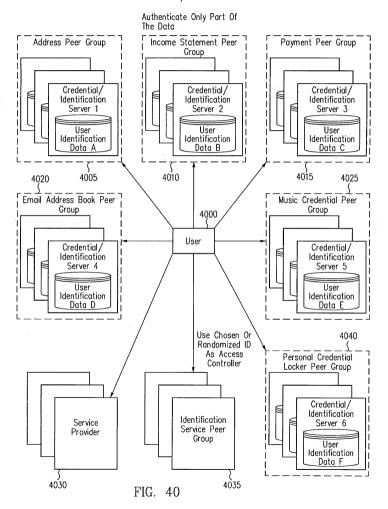
Phone

Appl. No. 10/040,270 Amdt. Under Rule 312 Dated July 30, 2007 Reply to Notice of Allowance of May 8, 2007 Replacement Sheet

## Credential Use Chain



Appl. No. 10/040,270 Amdt. Under Rule 312 Doted July 30, 2007 Repky to Notice of Allowance of May 8, 2007 Replacement Sheet



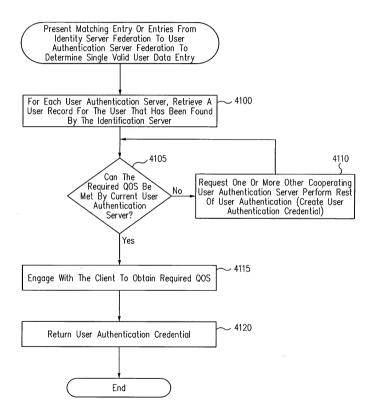


FIG. 41

## $\begin{array}{c} \text{Appl. No. } 10/040,270 \\ \text{Amdt. Under Rule } 312 \text{ Dated July } 30, 2007 \\ \text{Reply to Notice of Allowance of May 8, 2007} \\ \text{Replocement Sheet} \\ 45/55 \end{array}$

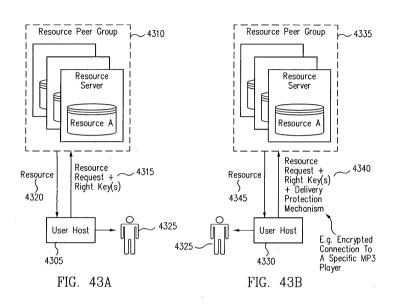
4200 Resource Server	4205	IDs Of Rights Key Credentials That Provide Access To A Resource On The Server —Credential Data Includes
Resource 1	IDs Of Rights Key Credentials	Cryptographic Keys
Resource 2	IDs Of Rights Key Credentials	
Resource 3	IDs Of Rights Key Credentials	
Resource 4	IDs Of Rights Key Credentials	
• • •	• • •	
Refer To Owner Of Resource		

4210 4215 4220 Resource Server IDs Of Rights Key Cryptographic Delivery Resource 1 Protection Mechanism Credentials IDs Of Rights Key Cryptographic Delivery Resource 2 Protection Mechanism Credentials IDs Of Rights Key Cryptographic Delivery Resource 3 Credentials Protection Mechanism IDs Of Rights Key Cryptographic Delivery Protection Mechanism Resource 4 Credentials . . . . . .

FIG. 42A

FIG. 42B

## $\begin{array}{c} \text{Appl. No. } 10/040,270\\ \text{Amdt. Under Rule } 312 \text{ Doted July } 30, 2007\\ \text{Reply to Notice of Allowance of May 8, 2007}\\ \text{Replacement Sheet}\\ 46/55 \end{array}$



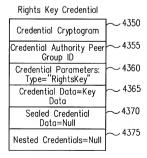


FIG. 43C

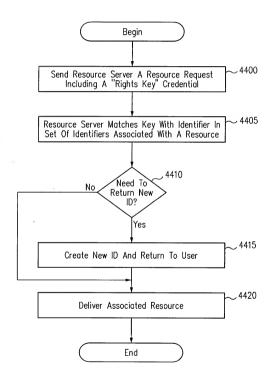


FIG. 44

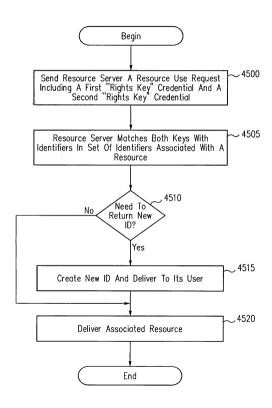


FIG. 45

Appl. No. 10/040,270 Amdt. Under Rule 312 Dated July 30, 2007 Reply to Notice of Allowance of May 8, 2007 Replacement Sheet 49/55



HTTP: //WWW.SomeResourceServerPeerGroup/KindOfResourceDirectory/Any?RightsKeylD=ablargai433klj

## FIG. 46A

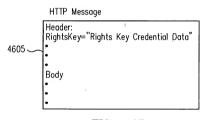


FIG. 46B

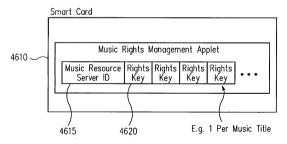


FIG. 46C

 $\begin{array}{c} \text{Appl. No. } 10/040,270\\ \text{Amdt. Under Rule } 312 \text{ Dated July } 30, 2007\\ \text{Reply to Notice of Allowance of May 8, 2007}\\ \text{Replacement Sheet}\\ 50/55 \end{array}$ 

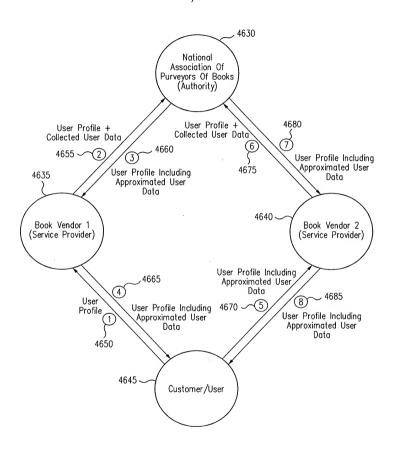


FIG. 46D

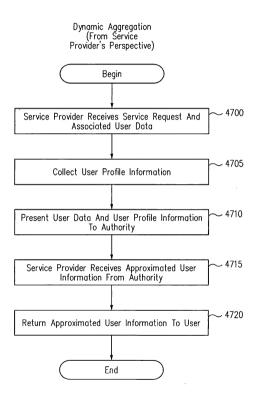


FIG. 47

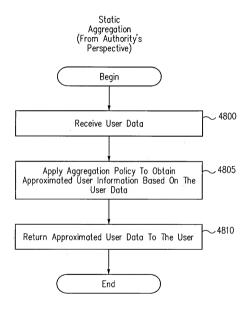


FIG. 48

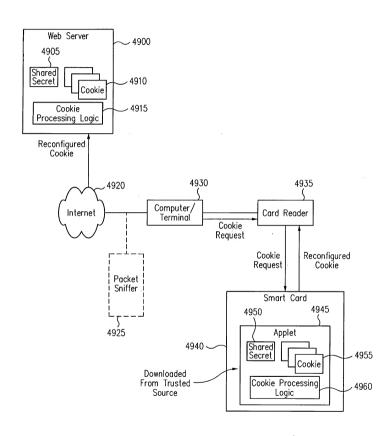


FIG. 49

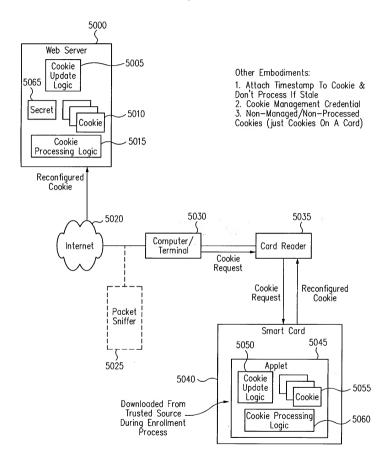


FIG. 50

Appl. No. 10/040,270 Amdt. Under Rule 312 Dated July 30, 2007 Reply to Notice of Allowance of May 8, 2007 Replacement Sheet

